



41608

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	
	:	
Höllig et al.	:	PATENT
	:	
Serial No.: 09/853,026	:	Group Art Unit: 2123
	:	
Filed: Herewith	:	Examiner:
	:	
For: PROCESS FOR INCREASING THE	:	
EFFICIENCY OF A COMPUTER IN	:	
INFINITE ELEMENT SIMULATIONS	:	
AND A COMPUTER FOR PERFORMING	:	
THAT PROCESS	:	

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Preliminary to examination and calculation of the filing fee, please amend the above-identified application, as follows:

In the Claims

4. (Amended) Process as claimed in claim 1, wherein the β -splines with at least one grid cell of the support contained entirely in the simulation region (Ω) are classified as inner β -splines.
5. (Amended) Process as claimed in claim 1, wherein the weight point is chosen as the midpoint of a grid cell of the support of the corresponding B-spline, which is contained entirely in the simulation region.